

DATA0625B8H-P001 AVC 48VDC 60x60x25mm 4-Wire Axial Fan Datasheet



Brand: AVC

SKU: [725652504490](#)

Category: Axial & Centrifugal Fans

Price: **\$11.99**

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Product Page:

<https://www.equipspares.com/product/data0625b8h-p001-avc-48vdc-60x60x25mm-4-wire-axial-fan>

Product Description

The AVC DATA0625B8H-P001 is a precision-engineered DC axial fan designed for high-reliability industrial and server cooling applications. Operating at a nominal 48VDC, this unit utilizes advanced double ball bearing architecture to ensure minimal friction and extended operational longevity under continuous load. The aerodynamic impeller design is optimized to balance airflow against static pressure, effectively managing thermal impedance in dense electronic enclosures. Featuring a 4-wire interface, likely supporting PWM speed control and tachometer signal output, it allows for dynamic thermal management. The robust frame construction ensures structural rigidity, minimizing vibration-induced noise while maintaining consistent performance in demanding environments requiring efficient heat dissipation.

Model Number: DATA0625B8H-P001

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 48 VDC

Voltage Range: 36.0 - 56.0 VDC

Rated Current: 0.16 A

Power Consumption: 7.68 W

Dimensions: 60 x 60 x 25 mm

Bearing Type: Double Ball Bearing

Rated Speed: 6800 RPM

Max. Air Flow: 38.5 CFM (65.41 m³/h / 1.09 m³/min)

Max. Static Pressure: 14.2 mmH₂O (139.2 Pa / 0.56 inH₂O)

Noise Level: 44.5 dB(A)

Termination: 4-Wire Lead

Wire Function: Red (+), Black (-), Yellow (FG/Tach), Blue (PWM)

Frame Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Life Expectancy: 70,000 Hours at 40°C

Ingress Protection: IP40

Safety Approvals: UL, CUL, TUV, CE

Weight: 68 g

The DATA0625B8H-P001 is specifically engineered for high-density server racks and telecommunications equipment where 48VDC power backplanes are standard. Its compact 60mm form factor allows the DATA0625B8H-P001 to fit seamlessly into 1U and 2U chassis, providing critical airflow to heatsinks and power supply units. Additionally, this model is suitable for industrial automation controllers, network switches, and rectifier modules requiring reliable, long-term thermal regulation.

Supplemental Images

